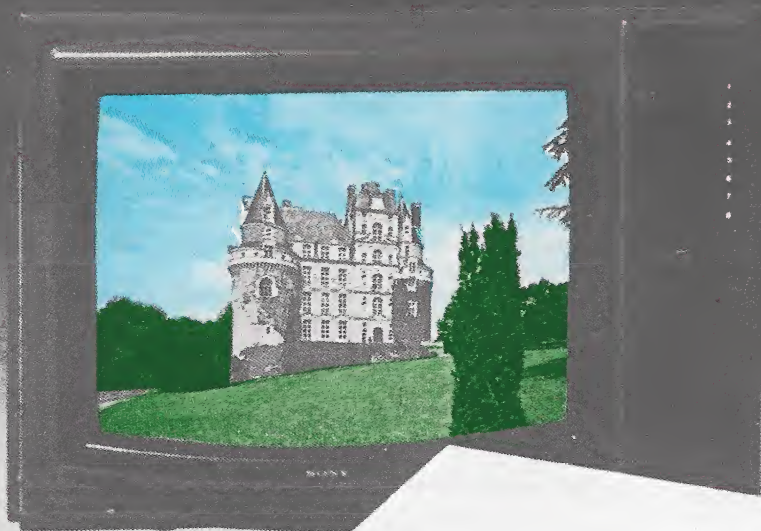
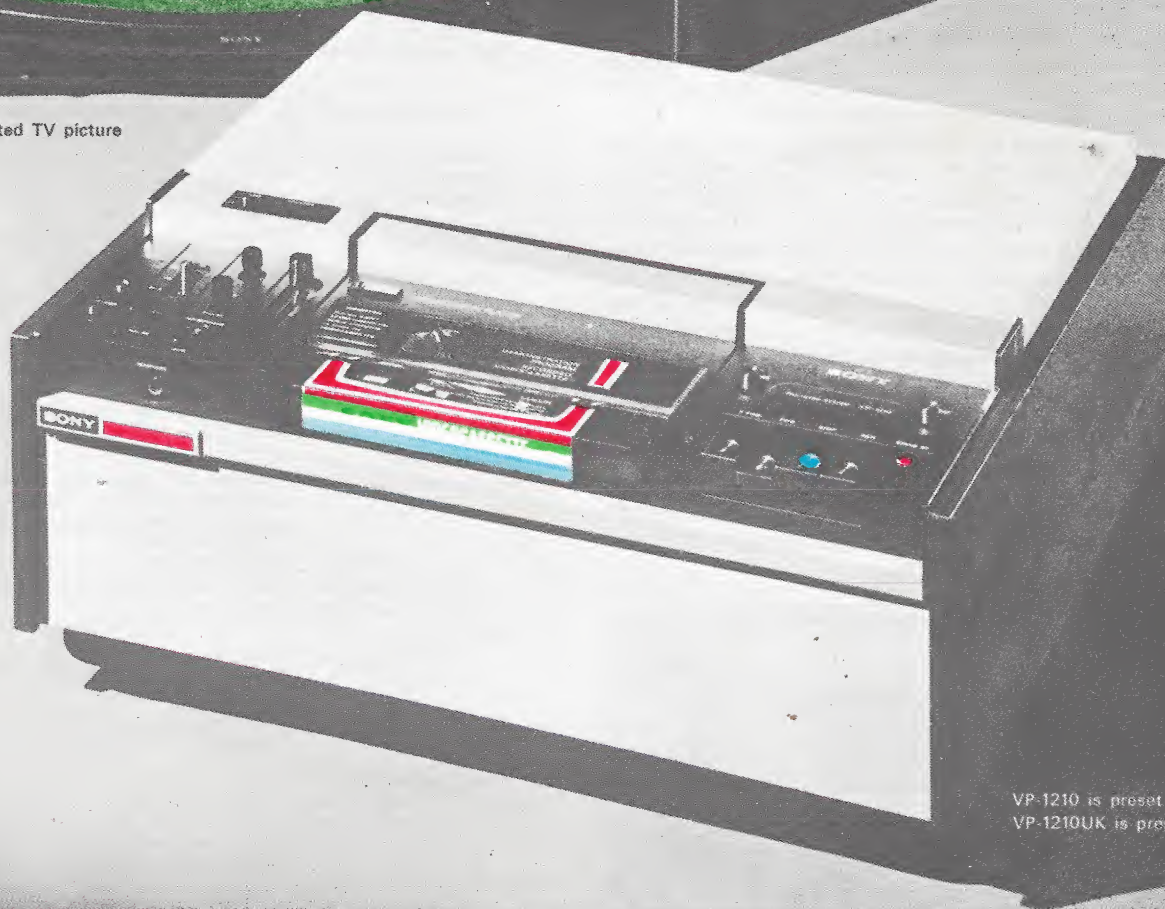


VP-1210/A



Trinitron videocassette monitor
CKV-181E (18")

Simulated TV picture



VP-1210 is preset at 220V
VP-1210UK is preset at 240V

*You Have the Whole World in Your Hands
with the Sony U-matic Colour Videocassette Player
...A Feature-packed Global Communication System...*

Research Makes the Difference



SONY®

*Trademark of Sony Corporation

The new Sony U-matic colour videocassette player VP-1210/VP-1210UK solves the lack of interchangeability between complicated TV systems and standards. It's a world-wide communication system: the VP-1210/VP-1210UK plays back PAL colour and CCIR monochrome programmes through a conventional colour TV receiver. And as an extra feature, it plays back NTSC colour and EIA monochrome recordings from the NTSC system countries through a special Sony colour receiver/monitor or a Sony Trinitron videocassette monitor. A wide variety of videocassette programmes—recorded by the Sony U-matic videocassette recorder or commercially available videocassettes—is available to meet your requirements in education, research and development, entertainment, and so on. For practical and effective programme presentation, the machine packs many attractive features, such as a memory counter, repeat function, pause function, built-in RF modulator, skew and tracking controls, and much more. In addition to the videocassette's simplicity and maintenance-free operation, these functions ensure exceptional versatility. The unlimited programme selection provided by the VP-1210/VP-1210UK will broaden your horizons considerably.

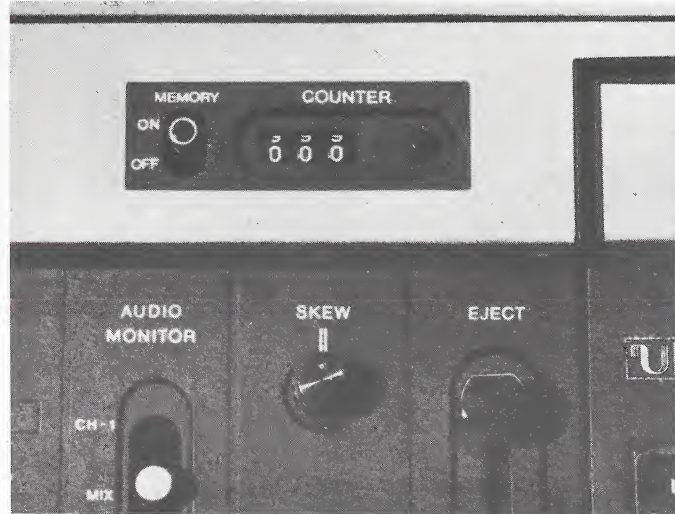
Features

■ **Plays back PAL colour and CCIR monochrome video signals** recorded from camera, television or other video sources. In addition, by simply switching the NTSC-PAL system selector to NTSC, the NTSC colour and American standard monochrome video signals can be played back through a special Sony colour receiver/monitor or a Trinitron videocassette monitor.

■ **High resolution colour and monochrome pictures** due to the advanced circuit design, reliable mechanical engineering techniques and high quality videocassette tape. APC (Automatic Phase Control) incorporating AFC (Automatic Frequency Control) assures stable colour pictures. **Colour resolution of more than 240 lines and monochrome resolution of more than 300 lines.** The $\frac{3}{4}$ -inch tape provides the optimum combination of picture stability and quality with a slow speed (95.3mm/s, $3\frac{3}{4}$ ips) for tape economy, while allowing adequate space for two audio tracks.

■ **Repeat function** for continuous playing of tape. The tape stops at the end, rewinds to the beginning and plays back again—all automatically. The repeat function can be activated at any point during playback.

■ **The memory counter and the repeat function are linked** to provide various tape motions for continuous playing—AUTO REPEAT, PROGRAMMED REWIND and PROGRAMMED REPEAT. (See linkage operation chart.)



■ **Easy operation**—No need to thread the tape. Videocassette can also be stopped and removed at any point without rewinding. Minimum number of controls.

■ **Easy playback picture viewing**—No special monitors needed. Built-in RF modulator allows the recorded tape to playback

through a conventional TV receiver.

■ **Pause button** to stop tape momentarily. Quick restart is assured by pushing the pause button again.

■ **Two audio tracks provide bilingual message or hi-fi stereo** sound through a stereo system. Stereo headphone may be also used.

■ **Full systems capability**—Signals can be fed to CCTV system or conventional video system.

■ **Highly reliable and stable solid-state circuitry**—Automatic control circuits using advanced ICs and transistors ensure top quality performance and long-term reliability with virtually no maintenance.

■ **Complete tape interchangeability**—Tapes recorded on U-matic videocassette recorder/players, or commercially available prerecorded tape using the PAL system or the NTSC system can be played back on the set. **Skew and tracking controls** are provided for precise tape control. You can obtain a full line of highly specialized videocassette programmes completely tailored to your needs.

■ Commercially available timer can be used to automatically turn the set on at a preset time in the absence of an operator.

SPECIFICATIONS

General

Video recording system: Rotary two-head helical scan system
Luminance: FM recording
Colour signal: Converted subcarrier direct recording
Video signal system: PAL video signals (625 lines, 50 fields)
NTSC video signals (525 lines, 60 fields)
Storage temperature: -4°F to 140°F (-20°C to 60°C)
Operating temperature: 41°F to 104°F (5°C to 40°C)
Power requirements: AC 110, 127, 220 or 240V $\pm 5\%$ (selectable with voltage selector), 50Hz $\pm 0.5\%$
VP-1210 is preset at 220V.
VP-1210UK is preset at 240V.
Power consumption: 95 watts
Dimensions: 550(W) \times 238(H) \times 466mm(D) ($21\frac{1}{8} \times 9\frac{3}{8} \times 18\frac{1}{8}$ ")
Weight: 29 kg (64 lb)

Video signal

Output: 1.0V (p-p), 75 ohms, unbalanced
Horizontal resolution: Monochrome: more than 300 lines
Colour: more than 240 lines
Signal-to-noise ratio: Better than 42dB

Audio signal

Output (both channels): LINE OUT, 10k ohms, 0dB, unbalanced
AUDIO MONITOR OUT, 10k ohms, 0dB, unbalanced
HEADPHONE OUT, $-24\text{dB}/-34\text{dB}$ (selectable)
8 ohms, unbalanced
Crosstalk: Better than 40dB
Frequency response: 100Hz - 6kHz $\pm 2\text{dB}$, 50Hz - 12kHz $+2\text{dB}/-5\text{dB}$
Signal-to-noise ratio: Better than 42dB

RF signal

Output signal: VP-1210
West European UHF channels 50 - 54, $83 \pm 5\text{dB}\mu$, 75 ohms, unbalanced
VP-1210UK
British UHF channels 50 - 54, $83 \pm 5\text{dB}\mu$, 75 ohms, unbalanced

Tape transport

Tape speed: 95.3mm/s ($3\frac{3}{4}$ ips)
Wow and flutter: Less than 0.25% rms
Playback time: 60 min. (using Sony KC-60)
30 min. (using Sony KC-30)

Fast forward and rewind time: Approx. 3 min. (using Sony KC-60)

Supplied accessories: Mains lead
UHF output cable with 300-ohm matching transformer
Dust cover

Design and specifications subject to change without notice.

Sony Corporation